

Converting Colors

$Y_{xy}(73.8081, 0.3597, 0.2733)$

Have a look what the booklet for
Yxy(73.8081, 0.3597, 0.2733)
contains.

Yxy(62.7975, 0.3204, 0.2658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.7975, 0.3204, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9F9
RGB	255, 185, 249
RGB Percent	100%, 73%, 98%
CMY	0.0000, 0.2745, 0.0235
CMYK	0.00, 0.27, 0.02, 0.00
HSL	305°, 100%, 86%
HSV	305°, 27%, 100%
XYZ	75.6972, 62.7975, 97.7638
YIQ	213.2260, 21.1760, 34.7440

Conversions

Conversions Part 2

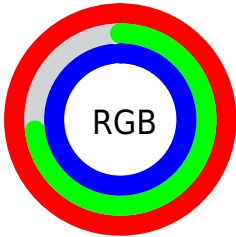
Format	Color
RYB	255, 185, 249
Decimal	16759289
CIELab	83.34, 35.29, -21.68
CIElCh	83, 41.420, 328.442
Yxy	62.7975, 0.3204, 0.2658
Android (android.graphics.Color)	4294949369 (0xFFFFB9F9)
YUV	213.2260, 17.6366, 36.6358
Hunter-Lab	79.2449, 31.8303, -17.6742

Details

The Yxy color $62.7975, 0.3204, 0.2658$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.5938, 0.3058, 0.4016$, and the grayscale version is $66.5641, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $31.9087, 0.3215, 0.2523$ is the 20% darker color. If you saturate the color by 10%, you get $52.9305, 0.3237, 0.2430$, and if you desaturate by 10%, it is $74.5733, 0.3173, 0.2891$.

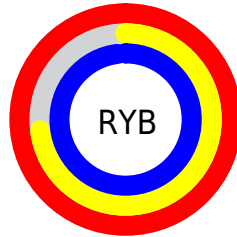
Distribution



Red (100%)

Green (73%)

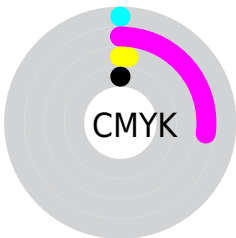
Blue (98%)



Red (100%)

Yellow (73%)

Blue (98%)

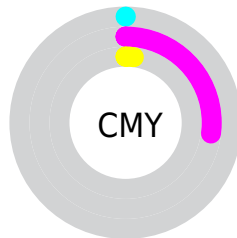


Cyan (0%)

Magenta (27%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7975, 0.3204, 0.2658 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 62.7975, 0.3204, 0.2658 by changing the saturation by 10% instead.


 62.7975, 0.3204,
0.2658

 62.7975, 0.3204,
0.2658

434.8342, 0.3174,
0.2941

 45.6774, 0.3209,
0.2596


 108.8773, 0.3195,
0.2755

 31.9913, 0.3215,
0.2519


138.6058, 0.3191,
0.2793

 21.3549, 0.3222,
0.2425


173.3059, 0.3188,
0.2826

 13.3837, 0.3228,
0.2305

213.3620, 0.3184,
0.2855

 7.6933, 0.3234,
0.2147

259.1585, 0.3182,
0.2880

 3.8993, 0.3237,
0.1931


311.0798, 0.3179,


 1.6174, 0.3227,


0.2903


0.1622


369.5102, 0.3177,
0.2923


 0.3693, 0.3251,
0.0946


 0.0000, 0.1838,
0.0000


 62.7975, 0.3204,
0.2658


 62.7975, 0.3204,
0.2658

 52.9305, 0.3237,
0.2430


 74.5733, 0.3173,
0.2891

 44.8790, 0.3271,
0.2218

 88.3614, 0.3146,
0.3122

 38.5281, 0.3306,
0.2030

100.0000, 0.3127,
0.3290

 33.7537, 0.3342,
0.1877

■ 30.4145, 0.3375,
0.1765

■ 28.3445, 0.3406,
0.1697

■ 27.3270, 0.3434,
0.1672

■ 27.1542, 0.3441,
0.1669

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.7975, 0.2700, 0.2482



62.7975, 0.3204, 0.2658



62.7975, 0.3727, 0.2972

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.7975, 0.3204, 0.2658



62.7975, 0.3938, 0.4111



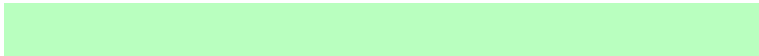
62.7975, 0.2248, 0.3088

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.7975, 0.3204, 0.2658



85.5938, 0.3058, 0.4016

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.7975, 0.2531, 0.3613



62.7975, 0.3204, 0.2658



62.7975, 0.3501, 0.4244

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.7975, 0.3204, 0.2658



62.7975, 0.4164, 0.3778



62.7975, 0.2985, 0.4065



62.7975, 0.2184, 0.2686

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.7975, 0.3204, 0.2658



62.7975, 0.3997, 0.3232



62.7975, 0.2985, 0.4065



62.7975, 0.2319, 0.3257

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.7945, 0.3204, 0.2658



87.5560, 0.3147, 0.3110



52.9678, 0.2686, 0.2503



18.2720, 0.3151, 0.3076



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7945, 0.3204, 0.2658



57.0943, 0.3222, 0.2531



60.8174, 0.3480, 0.2992



18.2720, 0.3151, 0.3076



14.1998, 0.3437, 0.1667



1.3902, 0.3408, 0.1651

Inverse Universe

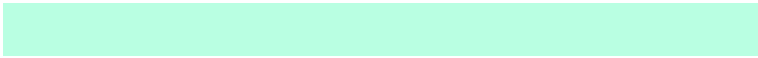
The Inverse Universe completely reimagines the original color for something new.



62.7945, 0.3204, 0.2658



57.0943, 0.3222, 0.2531



87.3148, 0.2873, 0.3611



18.2720, 0.3151, 0.3076



14.1998, 0.3437, 0.1667



1.3902, 0.3408, 0.1651

Previews

White Background



This preview shows how the Yxy color 62.7975, 0.3204, 0.2658 looks on a white background.

Color Contrast Check

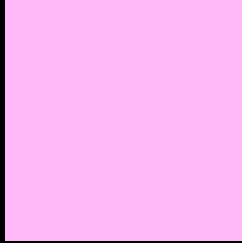
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 62.7975, 0.3204, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

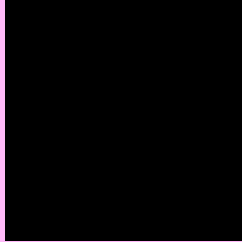
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7975, 0.3204, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 62.7975, 0.3204, 0.2658.



This preview shows how white text looks on a background with the Yxy color 62.7975, 0.3204, 0.2658.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.7975, 0.3204, 0.2658

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

63.0673, 0.2888, 0.2821



Tritanopia

62.8337, 0.3468, 0.3134

Trichromacy



Original Color

62.7975, 0.3204, 0.2658



Protanomaly

62.2317, 0.2890, 0.2703



Deuteranomaly

62.3640, 0.2995, 0.2751



Tritanomaly

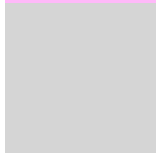
62.6639, 0.3368, 0.2951

Monochromacy



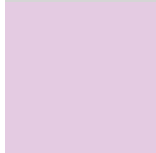
Original Color

62.7975, 0.3204, 0.2658



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.6968, 0.3154, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7975, 0.3204, 0.2658 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 185, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 185, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 249) }
```

Border

The CSS property to change the border of an element to Yxy 62.7975, 0.3204, 0.2658 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 185, 249) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 185, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 185, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7975, 0.3204, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
185, 249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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